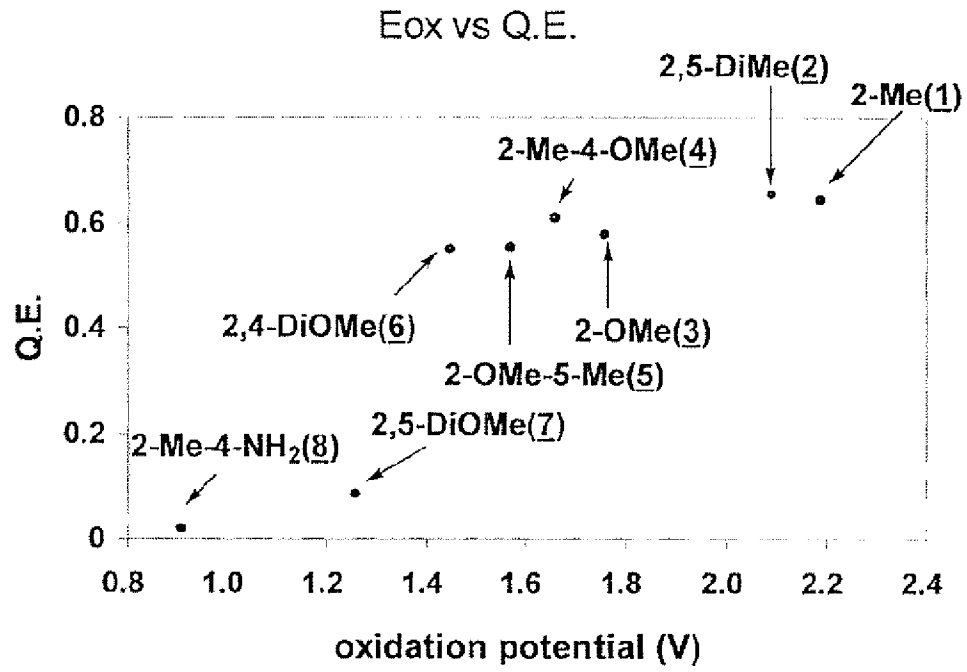
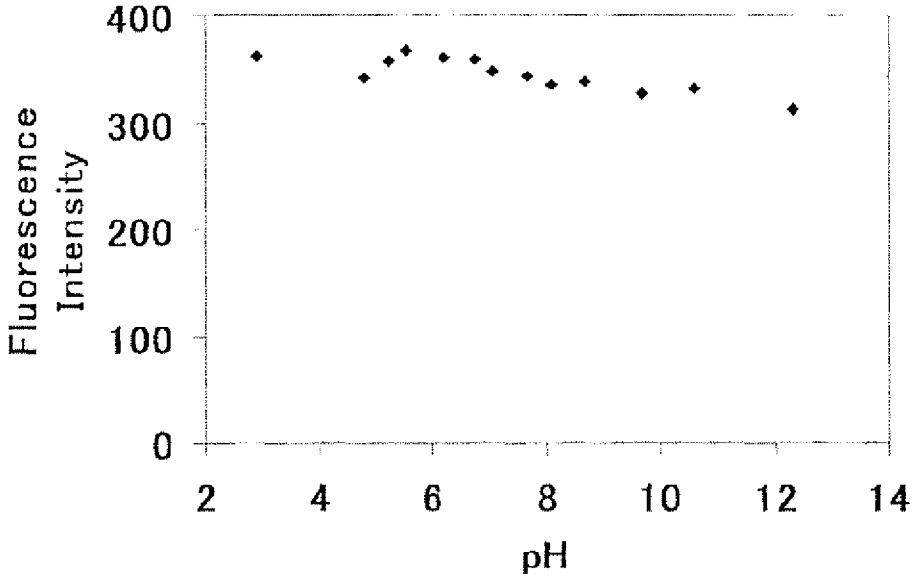
[図1]


Eox vs Q.E.
2,5-DiMe(2)
2-Me(1)
2-Me-4-OMe(4)
2,4-DiOMe(6)
2-OMe(3)
2-OMe-5-Me(5)
2,5-DiOMe(7)
2-Me-4-NH2(8)
Q.E.
0.8
0.6
0.4
0.2
0
0.8
1.0
1.2
1.4
1.6
1.8
2.0
2.2
2.4
oxidation potential (V)

[図2]


Fluorescence Intensity
400
300
200
100
0
2
4
6
8
10
12
14
pH